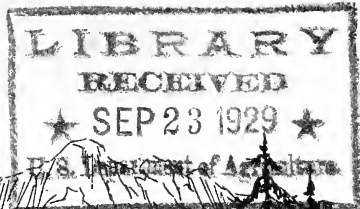


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.41



# Rare Plants

Autumn, 1929



Frank W. Campbell

7521 Dunedin Street

Detroit, Mich.

People object to Latin names on plants. Latin naming is the nearest way to be sure of what you are ordering and some knowing gardeners ask me for the family Latin name also as that indicates some of the plants needs as Ericacea (peat), Leguminosae (lime), Rosacea (neutral). "Standardized Plant Names" is used for any common name I can locate as definitely belonging to only one plant.

Be sure to put full name and address in letter. I still have letters of last spring without name or address. Where checks were enclosed I traced them back.

All orders sent express collect unless otherwise specified by you. Light weight orders costing only a few cents for delivery will be sent by mail and the amount of postage due me can be returned in stamps. No C. O. D. parcels sent or received.

B and B means Balled and Burlapped, or roots with earth on and securely wrapped in burlap, as such plants move poorly if roots are bare.

" means inches. ' means feet.

Prices in large quantity will be much reduced, as packing and delivery of many is not much more work than handling one.

Long lists of a few each will not be bid on.

**Achillea nana**—2" grey leaved, white flowered creeper, feathery leaved, sun and ordinary soil, or between stepping stones. 50c.

**Achillea tomentosa** or Woolly yarrow—Suitable for dry, sunny place, useful for carpeting or for rockeries. 6". Blooms July, yellow flowers. Excellent for rockeries. 3 for \$1. \$2.50 doz.

**Aethionema grandiflorum** or Persian stonecress — Foliage is a beautiful, glaucous blue and is improved by a slight cutting back after blooming. Stony, sandy loam, and a warm, sunny position. Covered with long, slender spikes of rosy pink flowers. One of our best rock plants. 9", July. 50c.

**Allium cernuum** or Nodding onion—18" onion-like leaves with 3" whorls of pinkish bells drooping make an oddly nice flower. 25c.

**Allium stellatum**—Pinker than above. 25c.

➤ **Allium reticulatum**—Dwarfer, red buds, white flowers. 25c.

All three of above, \$10 per 100.

**Amsonia tabernaemontana** or Willow amsonia—Small and numerous flowers of light blue in panicles in June. 3'. Smooth foliage, fine for the hardy border or planted among shrubbery. Grows to a great age. 50c. Small plants cheaper.

**Antennaria parvifolia**—Creeping small grey leaved, sun loving carpet like plant. Its grey coloring flat on ground is its beauty. 35c.

An unnamed one similar to above but leaves larger. 35c.

**Antennaria plantaginifolia**—Leaves still larger than above and white 8" flower spikes. 35c.

**Antennaria neo-dioica**—Small grey leaves flat on ground, rosy plumes. 35c.

Above are fine on poor sunny soil, all four will be sent for \$1. 25 for \$4.

**Arabis alpina flore pleno** or Double alpine rockcress—Pure white double flowers in early spring, splendid for border and rockery work, and last quite some time when cut. One of the best creeping rock plants. Ordinary soil is suitable but they must have a sunny position. 50c. \$4 doz.

**Arabis procurrens**—From Rumania. White creeping mat. 50c.

**Arenaria montana** or Mountain sandwort—Close grey tufts, profusely covered with small, silvery white flowers in June-July. Excellent as an edging plant in formal gardens and for rockeries in sunny places. Flowers resemble 1/2" white, upturned morning glories. Very satisfactory doer. 8" high. 3 for \$1.

**Arenaria verna** or Tufted sandwort—Creeping low over the ground and between cracks in stones. Excellent for the rock garden and between flagstones. It and epilobium are my dwarfest creepers for cracks and crevices, not an inch high. They like some dampness and tolerate shade. Very green foliage and white flowers. 3 for \$1.

**Armeria maritima** or Thrift or Seapink—Taller lighter colored ones than described in next item. 5 for \$1.

**Armeria maritima var. Lauchiana**—Bright rosy red. 3 to 6". Attractive dwarf that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems. They flower more or less continuously. Very useful in the rockery and border edgings. 3 for \$1.

**Ampelopsis aconitifolius dissectus**—A hardy fine leaved vine that does not cling to masonry. The fine leaves turn a bonfire red in autumn. Very neat and especially fine for trellis work, the leaves and red stems being the especially fine point of this plant. \$1.

**Ampelopsis quinquefolia engelmani**—Form of the Virginia Creeper that clings to masonry. Very red in autumn. Not nearly so coarse as its Virginia relative. Hardy further north than Boston Ivy, 50c. 10 for \$1.

**Aronia brilliantissima**—A wild-cherry like tall loose growing shrub with berries that stay on 'till winter. Best in a group. This variety is more brilliantly colored than others both in autumn foliage and berries. It is an improved variety of *Aronia arbutifolia*. Fine plants. \$1.50.

**Aronia melanocarpa** or Black chokeberry—A native 3' shrub near edge of damp woods, but does well anywhere, small white blossoms in spring and plentiful branches of black fruit in August, which birds like. Berries first year, a few large ones. \$1.

**Arrenatherum bulbosum variegatum**—6" high with prettily variegated green and white leaves; a splendid grassy edging plant. 25c; \$2 doz.

**Asclepias incarnata alba**—A white flowered form of our native red swamp milkweed. A good 3' garden plant or will take care of itself among grass in low places. 50c. Seed, 25c.

**Artemisia frigida** or Fringed wormwood—Foot high mass of fragrant fine silvery lacy foliage. Poor soil, sun. 35c.

**Asclepias tuberosa** or Butterfly weed—Grows about 2' high. This beautiful orange milkweed attracts butterflies. It will not complain of drought as it sends its tuberous roots deep in a sandy soil and it will increase in size and beauty each year. Small plants bloom first year and larger ones wait a few years. 3 for \$1.

**Aster, Japanese**—Unnamed, from Japan and is entirely distinct from other hardy asters; of symmetrical habit, 2' high, and bear from July on, double white 1" flowers. 50c.

**Aster, early bloomers**—The wild aster of our fields has a host of improved varieties blooming in autumn, but two 3' sturdy ones have been blooming with me for years in July or August. They are very free bloomers in dark pink or clear blue, and are quite an addition to summer blooming plants. 50c. \$4 doz.

**Astilbe davidi**—For a damp loam, 6' rose pink in August. 50c.

**Baccharis halimifolia** or Groundsellbush—Very green dense shiny foliage, on growth of present year bearing cottony seed heads in September. Holds leaves late. Much used on sandy soil near lakes or ocean. About 5' high. Fine plants \$1 or \$4 doz.

**Bellium minutum**—A dainty miniature that throws out numerous runners and so forms a wide mat, covered in summer with absolutely perfect shaped  $\frac{1}{2}$ " white daisies on 1" stems. Fine for sunny niches in rockery. 50c.

**Berberis thunbergi atropurpurea**—Same fine red berries as the ordinary barberry used for hedges, but leaves open red in spring, staying so, and in autumn are fiery red. Prices are reasonable also, for a new thing. 1" plants. \$1.

**Boltonia latisquama nana**—4' masses of daisy-like lavender flowers in September and they remain through several frosts. Best in groups, 5 plants for \$1.

**Callicarpa giraldeana**—New from China, 3' dense shrub with small violet purple berries in bunches during September, on growth of present year, fine plants, \$2.

**Calycanthus floridus** or Common sweetshrub—Chocolate-colored flowers, of delightful fragrance. Upright growth to 4'. These are propagated from a very sweetly fragrant variety. 18" plants. \$1.

**Campanula albescens**—A beautiful variety, forming 4" close mats of foliage and bearing large upright saucer cups of blue. Very much like the variety *carpatica*. 50c.

**Campanula garganica**—A gem for the rock garden. Forms a low, spreading tuft which in June is covered with starry, light blue flowers having a white eye. Exquisite hanging over a rock as foliage itself is very nicely arranged. 35c.

**Campanula lauri**—A new good one. Somewhat like *rotundifolia* but the cup-shaped lavender flowers are upright and the 10" plant is wider, fine for sunny rockery. 35c.

**Caryopteris mongoliensis**—Compact grey leaved shrubby 2' perennial, with blue flowers in late summer. A new shrub that roots as it slowly creeps, a very fine rockery and bedding plant. Aromatic scented leaves, in fact it is like a sage-brush of our western prairies with blue flowers. Likes dry, poor, sunny place. Apparently I have the only stock for sale anywhere. Blooms first year. \$1.

**Cercidiphyllum japonica** or Katsura-tree—This hardy ornamental tree is of pyramidal form, with medium-sized, heart-shaped leaves dark green above and silvery beneath, while the leaf-stalks are purplish. It branches to the ground, and prefers damp soil, where it grows rapidly. Should be planted either as a specimen or in borders. Leaves coral red in spring and autumn. 4' trees. \$1.50.

**Chionanthus virginica** or Fringetree—One of our handsome wild shrubs, growing to tree-like proportions in favorable locations. Its loose, gracefully drooping panicles of white flowers, in June, are quite fragrant, and are borne in fringing clusters above very large, deep green leaves, turning yellow in fall. The flowers are often followed by small, blue, plum-like fruits. \$1.50.

**Chrysanthemum coreana**—A new fall blooming single chrysanthemum with shasta daisy-like flowers after the first frost, 2' white stiff stemmed flowers, blooms first year always. \$1 doz.

**Clematis graveolens**—A fine yellow flowered creeper from Thibet. Four petaled 1½" flowers in August. Flowers first year. Similar to *Tangutica* but flowers open wider. \$1 in pots.

**Clematis tangutica** or Golden clematis—A woody slow climber that creeps well on a large rockery, new and unusually good thing from China in 1910, 1" rather globular shaped yellow flowers in August, blooms first year. \$1.

**Clematis wilsoni**—Spring blooming pinkish 2" flowers on old wood. 75c in pots.

**Clethra alnifolia** or Summersweet (Sweet Pepperbush)—A low growing shrub liking damp and slightly shaded corners. In August small white spikes of intensely fragrant flowers arrive and you will want it to hustle on again the following year. 4 for \$2.

**Cornus kousa** or Kousa dogwood—1½" upright ivory flowers plentiful in June followed by cherry-like scarlet fruits that the birds like. Very red autumn foliage. A shrub to 20' eventually. Fine shape and habit. Wonderful as an isolated specimen. Fine plants. \$1.50.

**Cornus mas**—Small flowers on bare branches before the leaves, with bright red cherry-like fruit in September. A favorite of ancient times that is still considered very fine. Fine 3' plants. 75c.

**Corydalis cheilanthisfolia**—Handsome variety with fern-like foliage and long spikes of yellow blossoms, 10". Prefers rich, well drained, stony soil. Very rare and perfectly hardy; does well in shade. 75c.

## COTONEASTERS

They vary from creepers to trees in habit. Dry soil suits them best. Native to dry Chinese valleys. Clean foliage, turning red in autumn, and myriads of lasting berries late in the year. They all love sun, wind, lime and dry soil, doing better on poor soil than any shrub I know.

**Acutifolia**—Extremely hardy upright shrub to 6' used for wind-break on poor soil. Makes fine individual specimens also. Big black berries loved by birds and fine yellow leaves in autumn. Only small plants should be used as it has a deep tap root. 24" plants, 50c.

**Divaricata**—A medium height shrub, wider than tall when old, never exceeding 6'. Flowers white, berries red. Pot plants, some with berries on, \$1.

**Frigida montana**—8" in pots. \$1.

**Horizontalis**—Low shrub with almost horizontal or creeping branches. Native of China. Leaves small, dark green, flowers pinkish white, fruit bright red, tolerates poor soil in sun, attractive in rockeries. A most desirable ground cover, and should be largely planted. Strong, 5" pot plants, \$1.50, some with berries on.

**Hupehensis**—Large wide spreading shrub to 8' high, with slender arching branches. Rather small leaves, abundant white flowers making it almost as white as a spirae. Red berries in autumn. From China and has the best flowers of the group. 2' plants. \$2. 1' pot plants. \$1.

**Racemiflora soongarica**—Medium sized grey leaved shrub, light flowers in spring and the best bright red berries from August to November of any cotoneaster that is hardy here. If you have room for only one this is the "one best." Compact, well shaped shrub. Two foot extra fine bushy plants. \$2.50.

**Wilsoni**—About 2' high, and much wider, a more upright horizontalis. 1' plants in pots (hard to move otherwise). \$1.

**Creeping grass**—Quite a demand exists for lawns of creeping grass as used on golf courses. At least five kinds are on the market, and I tried them all out. Some have proved to be useless under ordinary care while others are very good doers. All are terrible creepers, producing little seed. Sod is torn apart and broadcast, then kept damp 'till it roots, when it soon makes a wonderful green carpet. Planting instructions with each order. Don't plant later than Oct. 1 in Michigan, but order the sod now so that it will be available for early spring planting. Per yard \$5, per 10 yards \$30, prepaid. 1 yard makes 50 yards of lawn.

**Cydonia sinensis wilsoni** or Chinese quince—Somewhat like the hedging shrub often called "Japonica" but this has salmon-pink waxy flowers opening with the leaves, with large yellow fruit in autumn. A large shrub when full grown. 1' plants. 75c.

**Daisy, "Elder"**—A smaller, much earlier shasta daisy, with 2" pure white blooms about May 15 and if cut off after the main crop, will bloom intermittently until frost, has been a joy of mine for years. Bright green foliage. Forces well in greenhouse. \$1.50 doz.

**Daisy, "Supreme"**—Largest shasta daisy, about 4" across inclined toward being double, with a very small center. Its white well shaped, neat flowers keep well and are very long stemmed. 50c.

**Daphne cneorum**—An evergreen gem for the garden and rock garden producing delicately scented rose-pink blossoms in early spring, covering the plant, and a second crop of flowers is produced early in autumn. Likes good loam or leaf mold and should be covered with light material in March to protect from too sudden start of growth. 8" high and spreads to 2'. 10" plants B and B, \$1. A few very bushy large ones, B and B. \$10.

**Daphne mezereum**—A small, hardy shrub, blooming in March. The red flowers appear closely along the stems and have a delightful, penetrating fragrance. 1' plants in pots. 50c.

**Davidia involucrata** or Dove tree—2' plants in pots for spring delivery, \$10. Seed 75c each, sort of a nut with 3 to 10 plants in each nut.

## DIANTHUS

The common garden "pink" and the Sweet William, also the Carnation belong to this group. All like sun and lime. Those here listed are all dwarf.

**Alpwood**—Similar to the clove pink of old-time gardens, and as pleasantly fragrant. 8", blooms midsummer and autumn, dark pink with darker eye, 1" wide. A new hybrid between alpinus and a cultivated variety. \$1.

**Caesius, Baker's variety**—Deep pink, 6", for dry rockery. 30c.

**Caesius grandiflorus** or Cheddar pink—It is very compact in growth and makes a cushion of glaucous leaves from which in May, spring the sweet smelling, rose colored flowers. It is easily grown and very fine for the rock garden. 50c.

**Deltoides** or Maiden pink—Prostrate small foliaged, pink. 35c.

**Deltoides "Brilliant"**—A more brilliant pink, or rather a red, than above. 50c.

**Deltoides "Maj. Stearne"**—Dark foliage, brilliant crimson. 30c.

**Graniticus**—Bright red small foliaged neat plant. 35c.

**Dodecatheon meadia**—A pretty, native, 10", smooth perennial, with rose colored flowers in June. This is sometimes called "American Cyclamen." It thrives in rich, moist woods, or in the open border. 3 for \$1 or \$10 per 100.

**Draba fladnizensis** or Arctic whitlowgrass—A rock-plant which bears white flowers in spring. 6"; fine neat crevice plant. 3 for \$1.

**Draba repens**—Very small leaved fast creeper, with bright yellow flowers in spring. About 2". 50c.

**Enkianthus campanulatus**—Very bushy large shrub from Japan. Elegant growth, prefers sour soil. Yellow small flowers stained crimson. Very red autumn foliage. Very rare here. Absolutely hardy in a very exposed windy position on sand in my garden. Very well spoken of in June, 1929, House and Garden, a publication from which the progressive plant lover can learn interesting things. Probably best in open woods. Potted 18" plants. \$1.50.

**Epilobium nummularifolia**—An absolutely flat creeper for slightly damp spot. Fine for crevices or stepping stones. White flowers in summer. 25c.

**Epilobium rosmarinifolium**—8" pink, summer bloomer, 50c.

**Epimedium**—10", interesting plants with hard, almost evergreen leaves; excellent early bloomer for shady places in border and rock garden; fine plant for edging in shade. Lasts a lifetime. In red, yellow or white. 50c.

**Erysimum pumilum**—3" yellow alpine. 50c.

**Euonymus alatus compacta** — All the shrubby euonymus have compact large shrubby habits and in autumn have red berries surrounded by orange projections, like a Bittersweet. This variety has corky wings on branches and looks oddly attractive. Very bright red autumn foliage. This is a denser branched slower growing form than is commonly used. 18" plants. \$1.25.

**Euonymus atropurpureus** or Wahoo also Burningbush—During autumn, when losing its leaves, it displays such charming beauty of scarlet and crimson, that one who suddenly comes upon a bush in full glow can hardly believe that anything so exquisite could exist in our parks. The rich velvet red of the hanging seed capsules, and the bright crimson of the seeds, give unique beauty. 3' plants. 75c.

**Euonymus bungeanus**—Pinker than above, holds berries later. 3' plants. \$1.

**Euonymus yedoensis** — From Japan. Green, smooth branches and larger leaves especially distinguish it from above. Large scarlet and pink berries. 4' fine plants. \$2.



**Euonymus radicans colorata**—Decidedly creeping evergreen plant introduced from China lately. Very green leaves all summer, turning copper red in autumn. Creeps and roots as it goes. Finest ground cover for banks, under trees or large rockeries, and cliffs. \$1 for fine 2' spread plants.

**Euonymus kewensis**—Very small, dark evergreen foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground, and is a most valuable plant for a shady place in the rock garden where a delicate evergreen is needed. Fine plants. 50c.

**Euphorbia corollata** or Flowering spurge—Showy and useful plant growing about 18" high, and bearing from June 'till August umbels of pure white flowers like a larger gypsophila. Does well among grass on a dry bank. 3 for \$1.

**Festuca glauca** or Blue fescue grass—Ornamental 6" grass. Grown for dense tufts of very narrow bluish leaves. Used for edgings or for contrast with darker foliage. Desirable for rock garden. 25c or 10 for \$1.

**Forsythia intermedia spectabilis**—It is a profuse bloomer, every branch completely covered with large, deep-golden flowers adapted to shrubby backgrounds. Several varieties are on the market, but this German origination is destined to lead all, as it has larger and more plentiful flowers. 4' fine plants. \$1. Cheap in quantity.

**Galax aphylla**—Big round leaves in a circle on ground, very green in summer, very pretty bronze in autumn, for shady woods, 25c each, \$2.25 dz., \$15 per 100.

**Gentiana andrewsi** or Closed gentian—I have a form that blooms six weeks before the Michigan variety, and tolerates a drier location. 50c, \$20 per 100.

**Globularia trichosanthes** or Globedaisy—6", blue daisy-like flowers. A good rock-garden plant. 50c, \$2.25 dz.

**Gypsophila repens rosea**—4" grey leaved creeper, rosy small flowers in abundance. 50c.

**Hedera helix var. Baltica**—An English ivy hardier than any. Does well on north walls or ground here. Fine plants. \$1.

**Helenium "Crimson Beauty"**—18" high, blooming from July on. A dark red with a hard-to-describe bright velvety sheen. As a mass on poor soil in sun the best summer flower I know of here. 50c.

**Helianthus maximiliani** or Prairie sunflower—5', 3" light yellow flowers in great profusion. Notice the variety here offered in light yellow, not the more common golden yellow. Good for naturalizing. Bloom in July. 50c.

#### **FILLIPENDULA or Spiraea or Ulmaria**

Formerly this group was known under the name spiraea. The name spiraea is now properly applied to shrubs only. Rich damp soil gives larger plants, but in my sandy dry open field they bloom regularly, and always bloom first year after planting.

**Camtschatica** or Khamchatka meadowsweet—5', large heads of white flowers in August, will grow taller in a damp place. Largest leaves of any. 50c.

**Camtschatica rosea**—A pinker variety of above. \$1.

**Hexapetala** or Dropwort—Low set crowns of ferny leaves of intense greenness, sending up 3' spikes of ivory white flowers in June. Likes damp and tolerates slight shade. 4 for \$1.

**Venusta** or Carmine meadowsweet—Somewhat like above but taller, foliage coarser, flowers a month later and is a fine pink. Likes sun. Should be in every garden. 50c.

#### **Send for My Larger Wild Seed List**

Unusual weather has made seed collectors much trouble, and my usual seed list is late. If interested write for this fine list, ready Oct. 1.

## HEMEROCALLIS or Day Lily

All 35c or 3 for \$1.00

Very decorative, with their ribbon-like foliage and their beautiful lily-like flowers, especially when grown in clumps at prominent places in the border. They are very hardy, very persistent, and make permanent borders when established. Very splendid garden pictures can be made by placing them in appropriate locations. They look especially well near pools, although they are in no sense water-plants. Extend over a long season.

**Aurantiaca major**—2', August, a splendid variety from Japan, with large, trumpet-shaped, sweetly scented flowers of deep orange.

**Citrina**—3', July, broad-leaved sort with very fragrant long flowers of pale sulphur-yellow, borne on tall, graceful stems. Highly desirable for cutting.

**Flava**—3', June, clear lemon-yellow and very fragrant. Fine for cutting. Charming in masses on the banks of streams and in clumps in border.

**Florham**—3', July. A strong grower with large, trumpet-shaped flowers of rich golden yellow.

**Middendorffii**—3', July. Handsome golden orange flowers especially good for cutting.

**The Saracen**—5', late, orange red, striking.

**Thunbergi**—3', July. Rich, clear, buttercup-yellow sweet-scented flowers.

## HIBISCUS or Mallow Marvels

A robust type of upright habit, producing an abundance of flowers of enormous size in the richest shades of crimson, pink and white. A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which not only the colors have been greatly intensified, but in which flowers of enormous size, frequently 10" in diameter, have been developed. Equally at home in all positions, blooming until late in September. They are the most beautiful of all herbaceous plants. Like a gigantic hollyhock single bloom. Red, white or pink. 35c, \$2. doz.

**Hierochloa odorata** or Sweet grass—A very fragrant grass growing in low places, to 1'. Used by indians in basket work. 50c.

**Hypericum gracile**—Small leaved yellow flowered creeper. 50c.

**Ilex verticillata** or Common winterberry—Shrubby tree with age, but generally about 5' high, among best berried shrubs here, is best in damp ground, even in swamps. Dense masses of clear red berries when leaves have fallen, lasting a long time, as birds do not eat them until the last. 75c.

**Kolkwitzia amabilis** or Beautybush—I got this shrub when its name was unknown, from the Department of Agriculture for testing its hardiness. Beautiful pink snapdragon-like flowers on arching, twiggy branches, in June. It is hardy in all northern states as test plants I sent out have been checked up carefully. Likes an airy, well drained position, and does well on sand or clay and tolerates some shade. In 1926 I broke up the original plant for propagating purposes, and it was 7' high. Wood is very hard, and bark peels gradually. Should be pinched often the first year to induce twiggy short growths. In the wild it is scarce, and was found on rocky high mountains. First flowered in America in 1915. Flowers are somewhat like an abelia, with a wooly tuft at back of each flower. Flowers third year and regularly afterwards. Rather hard to propagate and will always cost a little above average shrub. \$1.50 for 2' bushy plants. A few potted ones now ready for earliest orders.

**Liatris pycnostachya**—Nothing can be planted that will attract more attention on account of this unusual appearance; but it is beautiful as well as odd. It blooms in midsummer and throws up long, 5' narrow spikes of rich purple flowers, which last a long time, and does well on poor soil. A peculiarity of this plant is its great attraction for butterflies. 50c.

**Lilac "Emile Gentil"**—Double. Bright cobalt blue. Rare shade. plants budded on privet. Plant deep. \$2.

**Linaria aequitriloba**—Very flat creeper, steady bloomer, lavender. Valuable flat creeper for rock niches and house plant. 50c.

## BEARDLESS IRIS

Grassy leaved iris. These will stand damper, richer ground than iris Germanica. They always bloom just as the German iris has finished.

The Siberian group at bottom is especially usable in a mass, and very fine for cutting.

The Pseudacorus group is for really wet places.

**Cacique**—A California hybrid that is absolutely hardy here. Clear purple, flat, 4" wide flowers of intense interest, on 2' stems. Better than the similar Fulvala or D. K. Williamson. Rich garden soil in sun. \$2.50 for Detroit grown plants that stood away below zero last winter.

**Cristata**—Lavender, 4", likes a slightly shady spot near edge of woods, in nature. 6 for \$1.

**Cristata alba**—A pure white form of above. \$2.50.

**Forresti**—1', yellow, like a small Siberian in habits and needs. \$1.

**Jenkinsi**—1', blue striped yellow, with very long falls. 50c.

**Shrevei**—For damp alkaline soil. White bordered lavender, fragrant. 2' tall. Very fine. 75c.

**Verna**—Somewhat like cristata but darker and must have sour soil. Same price.

## SPURIA IRIS

They are seldom seen and have such graceful, lasting beauty, liking rich, heavy, damp soil. Two to four feet high and stems very stiff. Pick when in bud and they will keep a week or more, as everyone will open sure. Foliage almost evergreen here.

**Mrs. H. R. Moore**—Strong grower, upright foliage, 4' spikes of yellow edged lighter. A new one of spuria habit from Minnesota, never before offered. \$5.

**Ochroleuca gigantea**—Succeeding in any position, producing late in May numerous 3' high stems with an abundance of very distinct creamy yellow flowers. The next two belong to the same group. 35c.

**White spuria**—30" white like a Spanish iris so much used for forcing. A very fine cut flower blooming after most other iris. Flat, long narrow petals. Likes rich damp soil. Foliage almost evergreen. 50c.

**Lavender spuria**—Lavender, taller than above, otherwise the same. 50c.

## PSEUDACORUS IRIS

**Bastardi**—Pale yellow, green leaves. 3 for \$1.

**Striped leaved variety**—Clear yellow flower on 3' stems, leaves striped white in spring. 3 for \$1.

**Pseudacorus gigantea**—Introduced from Siberia. Three times the height of the common yellow pseudacorus with flowers larger. It will grow 8' in rich, damp soil—for it likes damp spots. \$1.

## SIBERIAN IRIS

### Fine Cut Flower Varieties

Look up the fine article on Siberian iris in Sept., 1929, Ladies Home Journal, for the details I have no room for here.

**Emperor**—Purple blue. A fine Siberian iris, the haft being especially wide, 3'. 50c. Better price in 25 lots.

**Kingfisher**—Taller and slightly larger than Emperor. Same color. More flowers to stem also. \$2.

**Kingfisher Blue**—An English light blue, one in fact same color as the popular but smaller Perry Blue. Much taller and rhizomes are larger. I imported this several times before getting a live root. \$2.

**Snow Queen**—Dwarf white. Fine for naturalizing on damp spots. A very fine cut flower. This has wider petals than several I have bought as Snow Queen. 18". 50c.

**True Blue**—Well named, dwarf, late, 18", 3 for \$1.

### German Iris "MOUNT ROYAL"

A 3' new German bearded iris of great size, earliness and fragrance—three points surely of great merit. Purple. Very fine rhizomes. \$10.

**Lithospermum canescens** or Puccoon—12" orange in May and on poorest sunny sand—surely this is a desirable combination. Plants last for years. Small blooms just completely cover the plant before all frosts are gone and freezing does not damage them. An A1 plant. \$2 per doz.

**Lithospermum linearifolium**—Somewhat like above, but lighter. Same price.

**Lonicera heckroti** or Everblooming honeysuckle—Climber. Very large clusters of trumpet shaped rose and yellow flowers. Fast grower. Very valuable one, and undoubtedly a fine climbing honeysuckle. It is a hybrid of American origin. Especially fragrant in the evening and blooms until frost. Very fine plants. \$1.

**Lonicera korolkowi floribunda** or Blueleaf honeysuckle—Twiggy bush, grey green leaves, arching in habit, pleasing pink blossoms in pairs at axil of every leaf. In rich soil 10' height may be attained. Scarlet fruit in autumn. Introduced from Turkestan in 1889. A genuinely fine plant. Holds leaves late in autumn. One Detroit estate bought this some years ago and lost name of it. Its beauty lived in the mind of the owner each month it was dormant. Finally I received a call to name it, and was told it was worth \$1000 for the pair of 6' twiggy grey leaved balls he had. \$1.50.

**Lonicera syringantha**—Much smaller leaved than any bush form, slender arching branches. Lavender pink flowers of great fragrance, profusely in spring, followed soon by red berries. \$1.

**Lysimachia nummularia** or Moneywort—Valuable for planting under trees or shrubs where grass will not grow, also in damp spots. Fast creeper with fine yellow blossoms. 3 for \$1.

**Lythrum roseum superbum**—Very showy; splendid for banks of streams and ponds as it will grow in water even. 4' to 6' and blooms in midsummer. Blooms first year. Upright spikes of red purple. 3 for \$1.

#### PENTSTEMON or Beardtongue

**Coral Gem**—Bright coral-pink fine for cutting. New. Each 30c.

**Laevigatus digitalis**—In Detroit is a big field of pure white 4' spikes of this July flowering wildling, taking care of itself among the weeds, even. A fine cut flower, pure white snapdragon-like flowers on a branching stem. 4 for \$1.

**Shell Pink**—This first appeared in the same lot of seedlings with Coral Gem, but has not increased as fast. Spike is not as tall as Torreyi, and flowers are more plentiful on the spike. Color is a bright shell pink. Perfectly hardy in any soil or climate. 50c.

#### SEEDS OF PENTSTEMONS FROM UTAH, 25c PACKET

**Pentstemon bridgesi**—A red-flowered species, flowers for a long period.

**Pentstemon eatoni**—Brilliant scarlet without a tinge of yellow, rare and choice, for well-drained soil, this seed from the locality it was first found.

**Pentstemon glaber cyananthus**—Easy, bright blue in long spikes, pinch center out to make it bushy and it will flower longer, seeds weaken the plant.

**Pentstemon garretti**—First time offered. A showy low growing species found on the Hot Pots, near Midway, Utah. The soil is apparently pure lime thrown out by the hot springs.

**Pentstemon humilis**—Low, bright blue, shrubby, and long lived.

**Pentstemon moffati**—Flowers light purple; foliage glaucous.

**Pentstemon palmeri**—The loveliest of the pentstemon genus, but unfortunately not long lived. It really should be treated as a biennial.

**Pentstemon platyphyllus**—A woody long lived species. Flowers violet purple.

**Pentstemon procerus**—Violet blue, easy doer in ordinary garden, this seed from an 80-acre patch in high mountains.

**Pentstemon secundiflorus**—Violet blue on 2' stems, hardy, showy and an easy doer.

**Pentstemon sepalulus**—Much like platyphyllus, but taller growing and the flower stalks have a tendency to flop. An ideal species for a rock garden where the plant can sprawl on the ground. Flowers violet purple.

**Pentstemon torreyi**—Brilliant red on 3' stems, closely related to *P. barbatus*.

**Pentstemon utahensis**—Somewhat similar to cyananthus, but taller growing, and comes from the high mountains.

## PHILADELPHUS

Of late years the mock orange, syringa or philadelphus—whatever name you may know it by—has been wonderfully improved. They like rich soil and tolerate shade, and the old wood should be pruned out after blooming.

**Enchantment**—Freest flowering double white I have. Absolutely solid mass of white rose-shaped flowers. An improvement on Bouquet Blanc. \$1.

**Favorite**—Tall, single 2" wide white with big bundle of yellow stamens. Erect. Blooms when very small. \$1.

**Manteau D'Hermine**—Never over 2'. Very free blooming white, a mixture of double and semi-double small flowers. 75c.

**Virginale**—Fast growing, white flower. Solid mass of double white in spring, followed by scattering single and semi-double flowers all summer. Fragrant. Fine plants. \$1.

Unnamed philadelphus at \$5 per doz., my selection.

**Paronychia atriplicifolia**—Shining leaved rockery creeper, 75c.

**Paronychia dichotoma**—A rare plant from Missouri which has received high praise as a rock plant or cover. It makes a mat of fine grassy leaves with myriads of yellow flowers in autumn. Field grown clumps. 75c.

**Phlox "Antinea"**—Dwarf, very free flowering white. A new one from France, and the best dwarf white I know of. Blooms over a long season and does better on my sand than any other white. 25c.

**Phlox "Betty Lou"**—Glowing orange-scarlet with claret eye, dwarf and much branched, which means it stands wind and rain well. A new good one, 35c. \$3.50 doz.

**Phlox "Firebrand"**—The best dark red phlox so far in trials here. 35c. \$3.50 doz.

**Phlox subulata "Vivid"**—Bright pink with fiery red eye. The finest free-flowering dwarf phlox. An early flowering type with pretty mosslike, evergreen foliage, which in May is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground. 50c.

**Photinia villosa**—A varying height shrub, liberally set with white flowers in June. The foliage is gorgeously red in the fall; and bird-proof fruit-clusters carry the same scarlet gleam half through winter. Best on a dry slope. 5' plants \$1.50.

**Physocarpus monogynus**—Quick growing, hardy, neat looking rather upright shrubs that can be kept to about 4' are scarce. This has small leaves in very dense arrangement and even just the leafage looks well, but it also has rather pink spirae-like flowers in great plenty. The old wood should be pruned out after blooming. A very easy doer and should quickly become popular. Cheap, for a new good thing. 18", 40c. Heavy 3' clumps 80c.

**Physostegia "Vivid"**—Everyone wants autumn flowering plants. This is a much freer, 2', pinker form of the wild Virginia false dragon-head, with solid masses of bright pink. Tolerates damp places. Ought to be in clumps for best effect. 25c, 10 for \$1.50.

**Polemonium reptans**—Fern-shaped leaves, and quantities of delicate blue bells in May. 8". Use it as an edging or in the rock garden. Very hardy and little known here.

**Populus alba richardi**—Large shrub with leaves golden yellow above and silvery white beneath. A nice bright spot in a shrubby group at all times, tolerates very poor soil. 75c.

**Populus generosa**—A hybrid of extremely fast growth. Leaves exceedingly large and a beautiful straw yellow in autumn. Raised in 1912 at Oxford, England. This is going to be used extensively in reforesting and timbering. No large trees available, but 6' ones at \$2. or 10 eye unrooted branches at 4 for \$1 are available in quantity.

**Potentilla blaschkena**—Very large leaved quick creeping yellow flowered herbaceous perennial. 50c.

**Potentilla fruticosa**—A pure white form of the yellow shrubby potentilla; 2', blooms spring to August, in any position. 50c.

**Potentilla fruticosa purdomi**—Pale yellow flowers in the spring and scattered yellow flowers all summer, very fine, 2', \$2.

**Potentilla, Thibet species**—An unnamed 18" clear yellow herbaceous summer blooming plant that came from Thibet labeled something else, has been a much admired plant here. 25c.

**Potentilla verna nana**—Glossy leaves in 3" high close mats. Yellow flowers in summer. 50c.

**Prunus besseyi**—Shrub to 5', spreading wider, absolutely covered with white flowers very early in spring, followed by black cherries. Leaves have a pleasing silvery sheen. Tolerates very poor soil. Fine 3' plants, \$1 or 6 for \$4.

**Pterocarya stenoptera** or Chinese wing-nut—A tall tree. Ash-like leaves and strings of small beech-nut like fruit. Very quick growing. Stood below zero here last winter. 2' plants. 50c.

**Ranunculus parnassifolius**—6", very beautiful high alpine buttercup, rounded, leathery leaves and large white flowers. 50c.

**Ribes alpinum** or Mountain currant—A dwarf small leaved shrub doing well on poor soil. Very compact and used for hedges also. Yellow flowers and red fruit. Very hardy. 2' fine plants. \$1. Smaller sizes cheap per 100.

**Romanzoffia sitchensis**—Glossy tufts of umbrella-shaped leaves, curly spikes of star-shaped flowers, 3", damp shady spot. 50c.

**Rubus xanthocarpus**—Creeping raspberry with strings of yellow fruit. Very fine for large rockery or cliff. Very green foliage 6" high. No stems as it creeps and sends upright branches every inch or so. Grows on very poor soil. 50c.

**Sagina glabra**—A creeping emerald moss covered with white minute flowers all summer. Green as fine grass all winter. Nothing better for use between stepping stones. 25c.

**Satureia alpina** or Calamintha alpina—Very graceful little 6" rock plant, with rich purple flowers in summer. Creeping slowly. 35c.

**Sambucus canadensis**, "Adams"—A large berried elder. 50c.

**Sambucus canadensis maxima**—An elder that originated in Europe among some American type plants, with flowers and berry bunches three times ordinary size. 18" panicles of flowers, July followed by blue berries. 50c.

Quantities of above cheap.

**Sambucus canadensis laciniata** or Cut-leaved elder—The leaves of this variety are fern-like in formation, and the shrub is of half-drooping habit. One of the finest in cultivation; especially effective for massed planting. Grows 8'. 75c.

**Sambucus racemosa** or Red-fruited elder—Of somewhat stockier growth than the other varieties, with white flowers in cymes, followed by red fruits. Blooms in early summer. 75c.

**Santolina chamaecyparissus** or Lavender-cotton—A sweet smelling, dwarf, evergreen perennial, with delicate, silver-white foliage, useful as rock or border plants; also largely used in carpet bedding. For sun and poor dry soil. Yellow flowers. 50c.

**Shepherdia Argentea** or Silver Buffaloberry—Yellow flowers followed by red fruits. Native of northern Ontario. Leaves are silvery, small, and scarce. Does well on poor soil. Fine 4' plants. \$1.

**Shortia galacifolia** or Oconee-bells—Somewhat like a smaller galax in leafage and habit. 25c, \$15 per 100.

**Silene acaulis**—An alpine of rare form and beauty. The bright pink flowers are borne on the cushion-like foliage. Sand and sun desired. 50c.

**Silene elizabethae**—In August it has crimson flowers from 4" tufts of neat foliage. 50c.

**Silene quadrifida**—4" glossy green foliage with pure white flowers all summer. Tolerates shade and likes lime. 50c.

**Silphium perfoliatum** or Cup rosinweed—A herbaceous 6' perennial throwing stiff spikes with large tropical looking foliage, in August having very clear yellow 3" flowers a plenty. Stands dry sand well. Too coarse for real small gardens, but valuable in large borders or where large leaves are desired. 50c.

**Sophora japonica** or Chinese scholar tree—Small shiny leaves and clusters of creamy white flowers in August, when flowers on shrubs are rare. Stands dry spots well, dense crown, likes sandy soil. Noticeable green brack in winter. Allied to the locust tree in botany, thorny. Large plants move up poorly. 1' plants, \$1.

### SEDUM

A very diverse but charming group of plants, most of them dwarf, evergreen perennials, with pretty leaves in rosettes, that make them exceptionally desirable in the rock garden or in the crevices of old walls, etc. Some are taller growing, beautiful-flowered border varieties, that are an adjunct to any garden, such as *S. spectabile*.

Ordinary soil of any character seems to suit them, as all have fleshy leaves which store up moisture to keep them alive in dry spells.

**Dasyphyllum**—Inch high, grey-blue, bead-like leaves with light pink flowers for poor sunny soil. Smallest of any sedum. 35c.

**Ellacombianum**—An oval leaved slow creeper from Japan, doing well on poor soil in sun, in spring leaves are a cheerful green rosette, in late autumn they turn a brilliant red, extremely valuable, 50c.

**Ewersi**—Round leaved creeper from Mongolia, flowers purple in summer, grey leaves. 25c.

**Ewersi homophyllum**—Half size variety of above. 50c.

**Kamtschaticum**—4" stems clothed with large rounded wavy edged leaves in whorls. Flowers fine orange. 25c.

**Lydium**—Daintiest of the group, one of the smallest. Dense green cushions which in winter take a bright brown tint, making it pretty as in summer. 3" stem of pink flowers. Fine clumps. 50c.

**Obtusatum**—Golden yellow flowers, with round emerald-green foliage, shaded bronze. 3". 50c.

**Rupestre**—6". Fine leaves in whorls. Dense heads of yellow flowers. 25c.

**Spectabile "Brilliant"**—Red flowering form of stone-crop. Thick fleshy leaves, in August sending up 2' spikes tipped with solid masses of red. For one thing, it is permanent, and will give a display on poor soil every year without disturbance or re-arrangement. This sedum never presents a ragged appearance, as many permanent edging plants do. 50c.

**Ternatum**—Excellent dwarf variety for rockeries or border edgings in shade. White flowers. 25c. Per 100, \$10.

### SEMPERVIVUM—Houseleek, Hen and Chickens

Any three for \$1. Very fine plants in stock now. Unnamed 10 for \$1.

A large group of extremely interesting alpine plants mostly in the form of short fleshy rosettes of leaves, from which are sent out the flower stalks. Put in a dry sunny spot.

**Arachnoideum** or Spiderweb houseleek—Wide rosettes with a cobweb like set of hairs connecting end of each leaf. Most unique. Flowers red.

**Arenarium** or Sand houseleek—Small green rosettes in large numbers. Spreads rapidly and grows in any soil. A fine variety where a tiny plant is needed in large numbers.

**Doellianum**—Small, hairy rosettes of pale green leaves, tinted red at the tips. The panicles of bright red flowers are 4" high in July. Effective when grown in large masses.

**Globiferum** or Globe houseleek—Grey-green leaves lightly tipped brown, and finely toothed on edge. Pale yellow flowers in dense hairy panicles in June. Has more leaves and is more globe shaped than any other.

**Triste**—Sharper pointed leaves than most.

**Spirae normani**—An extra dwarf form of *A. Waterer*, discovered on the grounds of an Ohio grower. Of neat habit, seldom over 12" tall, well rounded form, and quite free of bloom in same form and shade as *A. Waterer*. Unlike *A. Waterer*, it has a very desirable habit of covering the unsightly spent flower heads with foliage as soon as through blooming. The whole plant turns a fiery red in fall. An ideal border shrub, and also very useful for low massing, under windows, terraces, etc. It is perfectly hardy and will do well in north exposures. Each \$1., Doz. \$10.

**Stenanthium robustum**—A rare perennial, with showy panicles of pure white, fleecy flowers in August on stems 4" high, requires a moist, semi-shady position. 50c.

**Talinum calycinum**—A new annual succulent for dry sunny soils. Small green tufts of thick needle-shaped leaves from which arise a slender 6' stem, wine-red. Seed only, 25c pkt.

### TAMARIX

Needle shaped leaves having a feathery look at a distance. Ability to do well on very poor dry sand and their unusual appearance make them valuable. Their upright fast growth makes them ideal borders to paths. Pink flowers in spring or summer. All 60c or \$5 doz.

**Amurensis**—July bloomer, decidedly odd grey green foliage.

**Hispida**—August bloomer, very green foliage.

**Odessana**—July bloomer, green foliage.

**Tetandra purpurea**—Spring bloomer, very green foliage.

### THYME

The charming mountain thymes make a perfect, close, fragrant, creeping, carpet on hot, dry, sunny banks where grass is difficult to establish; they are a sheet of blossom in June and July. Excellent for carpeting patches of spring flowering bulbs.

**Album**—A wonderful contrast with *T. coccineum*; flowers a sheet of white. Very green foliage. 25c.

**Argenteus**—Silvery variegated leaves,  $\frac{3}{8}$ " across, and about 8" high. A small shrub. Leaves lemon scented when crushed. Sun, poor soil. 75c.

**Aureus**—Similar to above but gold variegations. 75c.

**Citriodorus**—The golden yellow leaved thyme. 50c.

**Coccineum**—Plants become completely covered with brilliant crimson-scarlet flowers and keep at it all summer. 25c.

**Lanuginosus** or Woolly-leaved — Woolly foliage with bright pink flowers, unique, slow creeper. 35c.

### VERONICA or Speedwell

A family containing some beautiful subjects for the hardy garden and rockery. Given a rich, well drained soil in an open situation in full sun, they will all thrive in an amazing manner. All the varieties listed are A-1, and splendid for the border or rock garden.

**Armena**—Grey green fine leaved creeper, blue in spring and summer. Very finest of rockery plant. 50c.

**Incana**—1', August. A white, wooly plant, flowers numerous, blue. Has good appearance, both in and out of bloom. Useful in rockery or border. 50c.

**Longifolia subsessilis**—2', blue in September. One of finest blue-flowering plants. Perfectly hardy and increases in strength and beauty each year. Spikes completely studded with beautiful blue flowers. 50c.

**Nummularia**—Flat blue evergreen creeping rockery plant, 50c.

**Repens**—Very dwarf, forming a miniature carpet of dark green. It has delicate white flowers which bloom in May. Should be planted on light well drained soil. Excellent for the rockery. 25c.

**Rupestris nana**. Prostrate and creeping, forming a dark green carpet of shiny foliage which is covered with deep gentian blue flowers in May; 1" high; one of the best early blue rock plants known. 50c.

**Rupestris nana rosea**—Has the same habit as *Rupestris nana*. The flowers, however, are mauve-pink. 50c.



Postage  
Will be Paid  
by  
Addressee

No  
Postage Stamp  
Necessary  
If Mailed  
in the  
United States

**BUSINESS REPLY CARD**

First Class Permit No. 247—Sec. 384 ½ P. L. & R., New York, N. Y.

**HARPERS MAGAZINE**

**49 EAST 33RD STREET**

**NEW YORK, N. Y.**



# Subscription Order Blank

## Harpers MAGAZINE

Please enter for ☐ 1 year ☐ 2 years the following  
subscriptions to Harpers Magazine and bill me


Send bill to:

My Name  
and Address

(If you want  
Harpers for  
yourself  
check here.)

☐ 1 year

☐ 2 years)

**Prices:** 1 YEAR \$4.00: 2 YEARS \$6.00  
2 or more subscriptions \$3.00 each  
Foreign Postage \$1.00 extra per year  
Canadian Postage 50c extra per year

**Thalictrum minor**—Foliage resembles columbine or maidenhair fern, 1' spikes of feathery, ivory flowers. Will tolerate dampness and shade. 25c.

**Tradescantia reflexa**—Midwest form of the spiderwort. 20" stems topped with sky blue flowers for weeks in midsummer. Does well in sun, shade, or damp spots. Larger than Virginiana, the commoner one. 3 for \$1.

**Ulmus pumila** or Dwarf asiatic elm also Siberian elm—Exceedingly quick growing, tolerates very dry positions, very hardy here and also does well in Texas, showing great climatic adaptability. Trees 10 years from seed here are 25' high, very bushy, disease free in every way. Fine for windbreaks, for single lawn specimens or for clumps, smaller foliage than the ordinary elm and branches low. Plants raised from seed collected in Detroit, 4', \$1. Better prices in quantity.

**Valeriana acutiloba**—A charming alpine or rock plant that will thrive under ordinary garden conditions. The rosette of evergreen foliage produces flowers from April till June and again in autumn. Loose heads of small white or tinted flowers. From Colorado. 50c.

**Viburnum Fragrans**—Here's a gem. Very highly scented flowers in late winter, pinkish in tone. Can be forced easily. Easy grower. Fruit scarlet, turning black later. This will be very popular when more plants are available. Pot plants. \$5.

**Viburnum opulus nanum** or Dwarf cranberrybush—Dwarf, exceedingly dense mass of foliage, not over 18" high. Very hardy. Can be trimmed in spring to any desired size or shape. Would make fine untrimmed hedges and as single specimens they are unexcelled. More compact and greener in summer than most evergreens. 8" plants. 50c.

**Viburnum sieboldi**—White flowers, red berries. New. \$1.

**Viburnum tomentosum plicatum** or Doublefile viburnum—Somewhat like the common snowball bush, flowers are smaller but in larger groups, and do not hang down so badly in a rainy season, 2-3' bushy plants. \$1.

**Viburnum wrighti**—Fine red berries. \$2.

**Vinca minor flore plena**—A double flowered form of the common myrtle so commonly found in old gardens. Stands heavy shade, creeps fast, 8" high, with inch wide, double, blue flowers. A new thing. 75c.

Above in red, 50c, or single white, 50c.

**Wahlenbergia tasmanica**—A creeping gem with campanula like blue flowers. 50c.

**Yucca colo-ma**—A new species of very dwarf habit, small rosettes of rather broad glaucous-blue foliage, is distinct from others, and hardy, 18" flower spikes, foliage evergreen 6" high. \$1.

**Yucca filamentosa variegata**—Leaves are 1½" wide, stiff and sharp pointed, the center of leaf being green with deep yellow margins. A plant of impressive effect, both summer and winter. Because of its evergreen nature it readily and naturally finds its place in winter landscape plans. 6' flower spikes of ivory bells in July, does well on poorest soil, in sun. Three kinds are on the market, but I sell the one that tested best of the three. 75c.

**Zelkova serrata** or Keaki—A tree which has been rather sparsely planted. The leaf and twig very much resemble those of the elm, the general appearance, however, is different since it has a rounded head. Trees planted 24 years ago in the East attained only about one-half the height of elm trees planted at the same time. Among its good qualities which should be mentioned are absolute hardiness, freedom from disease, and almost entire freedom from insect pests. 2 year seedlings only, 1' high. \$1.

# Native Wild Flowers

The American native plants are naturally best suited to the growing conditions that exist here, but very few nurserymen collect our wild flora. Lately an increasing demand for "wildlings" has developed, as so many people do not have the time to tramp around with a shovel and wheelbarrow digging their own.

Items will be delivered in season best suited to the plant, generally just after foliage dies.

Descriptions are not given as most people have access to descriptions or know the plants—and a lengthy discussion or illustration of each item would mean a higher price.

All complaints must be made on receipt of plants. Packing free. Carriage extra.

' denotes feet, " denotes inches.

Acid and alkaline nature of soil is absolutely essential to well being of some plants, and is mentioned when known. N means neutral, or an excess of neither.

A general idea of the situation in which the plant is grown in the wild helps, but most plants will fit conditions somewhat different.

	Doz.	100	1000
<i>Actaea alba</i> , White baneberry .....	2.00	10.00	....
Ac-Shady woods, white flowers spring, followed by white shiny berries in Aug.-Sept., very fine and lasts years, 18"			
<i>Actaea rubra</i> , Red baneberry .....	1.25	6.00	25.00
Same as above but fine red berries, flowers earliest			
<i>Alisma plantago-aquatica</i> , Waterplantain .....	1.00	5.00	20.00
Muddy streams, edges of swamps, fls. white June-Aug.			
<i>Allium tricoccum</i> , Wood leek .....	1.00	5.00	20.00
Shady ravines, damp meadows, fls. white July, 8-12"			
<i>Amorpha canescens</i> , Leadplant N-poor soil, grey foliage, shrub to 3', fls. purple July .....	6.00	20.00	....
<i>Amorpha microphylla</i> , Dwarf-indigo. A dwarfed green leaved variety of above .....	7.00	25.00	....
<i>Ampelopsis quinquefolia</i> , Virginia creeper .....	2.00	10.00	50.00
<i>Anaphalis margaritacea</i> , Pearl everlasting .....	1.00	5.00	20.00
High, well drained, fls. "everlasting" white July-Oct., 18"			
<i>Anemone canadensis</i> , Meadow anemone .....	1.25	6.00	25.00
N-Low moist loam, some shade, fls. white like a large buttercup June-July			
<i>Anemone cylindrica</i> , Candle anemone .....	1.25	6.00	25.00
N-Low stiff soil, fls. greenish white June-Aug., 2'			

## "American Plants for American Gardens"

A Very Usable Book, \$2.00 postfree

A book of common sense advice on American wild plants written in an interesting manner. Not too technical but is very accurate and clear. Every lover of wild plants should read it. Illustrated. \$2, post free.

### Plants Listed by their Habits

A printed list of wild plants arranged by their likes—dry, wet, shade, sun, etc.,—was crowded out by Utah seed list at last moment, but will be mailed to those requesting this useful guide.

### Plants for the South

I have a few items not reliably hardy in Michigan. A leaflet with them will be mailed to customers from more southern points, on request.

### Peonies and Iris

Peonies and German iris I have in great variety and will be supplied on mail orders at prices quoted in any catalog of reputable dealers.

### Profitable Reading

Discussions sometime indicate very little reading of current horticultural literature. The progressive garden lover can surely invest a dollar or two with assurance of great return in knowledge from these periodicals.

**Home Acres**, Great Oak Lane, Pleasantville, N. Y. \$2.

**Horticulture**, Horticultural Hall, Boston, Mass. \$1.

**American Botanist**, Joliet, Ill., \$2.

**Morton Arboretum Bulletin**, 208 W. Washington St., Chicago, Ill., \$1.

**Arnold Arboretum Bulletin**, Jamaica Plain, Mass., \$1.

	Doz.	100	1000
<i>Anemone patens</i> , spreading anemone, Grey green foliage, purple flowers, April-May, 6".....	2.50	10.00	....
<i>Anemone quinquefolia</i> , American wood anemone..	1.00	5.00	20.00
Low moist open woods, sun, fls. white early, 4"8"			
<i>Anemonella thalictroides</i> , "Rue anemone" .....	2.00	6.00	30.00
Likes old stumps, fls. white to pink May, 6", roots fleshy			
<i>Antennaria aprica</i> .....	2.00	8.00	60.00
<i>Antennaria dioica</i> , Pussy toes.....	1.00	5.00	20.00
N-Sandy loam, full sun, 2", cottony tufts on short stems			
<i>Antennaria neglecta</i> .....	2.00	8.00	60.00
<i>Apocynum androsaemifolium</i> , Spreading dogbane..	2.00	10.00	40.00
N-Dry sandy loam, full sun, pinkish fls. July-Aug., 2-4'			
<i>Aquilegia canadensis</i> , American wild columbine... 1.00 5.00 20.00			
N-Low moist loam, sun or shade, fls. yellow and red, June, 1-2'			
<i>Arctostaphylos uva-ursi</i> , Bearberry.....	2.50	10.00	50.00
Ac-Sand barrens, windswept beaches, well-drained, fls. white, shrubby evergreen creeper that is a good sand retainer, fine.			
<i>Arethusa bulbosa</i> , "Indian pink".....	2.50	10.00	50.00
Ac-Swamps, muck or in moss, full sun, fls. magenta July, 1'; bulb 1/4-1/2", one of the neat orchids for a swampy place			
<i>Arisaema triphyllum</i> , Jack-in-the-pulpit.....	1.00	5.00	20.00
N-Low moist loam, part shade, fls. June, fine red berries Aug.-Sept.			
<i>Artemisia gnaphalodes</i> , "Wide leaved white sage," grey foliage, fls. silver, Aug., 2-3'.....	2.00	8.00	60.00
<i>Artemisia longifolia</i> , "Narrow leaved white sage," Grey narrow leaves, fls. brown, 2'.....	2.50	10.00	....
<i>Asarum canadense</i> , Canada wild ginger.....	1.00	5.00	20.00
Low moist loam under shrubs, brown fls., May-June, creeper			
<i>Asclepias tuberosa</i> , Butterflyweed.....	2.00	15.00	
N-Sandy, dry, fls. orange July-Aug., very valuable, 1-2'			
<i>Astragalus hypoglottis</i> , Alk-Crimson heads like clover, fls. July, 6" .....	3.00	15.00	....
<i>Bouteloua oligostachya</i> , Mesquite or Grama Grass, Grass a foot high with pretty seed heads. Good to grow with wild flowers among it to imitate a prairie. ....	2.00	10.00	....
<i>Calla palustris</i> , Wild calla.....	1.00	5.00	20.00
Shallow water, sun, fls. white like calla, very hardy, 8"			
<i>Caltha palustris</i> , Marshmarigold.....	1.00	5.00	20.00
Wet slopes or swamp edges, fls. yellow early, 8", showy			
<i>Campanula rotundifolia</i> , Harebell.....	1.25	6.00	25.00
Sandy, sun, fls. light blue July-Sept., 1-2', very hardy, fine			
<i>Caulophyllum thalictroides</i> , Blue cohosh.....	2.50	10.00	50.00
Low moist loam, sun or shade, fls. sulphur May-June, purple berries in autumn, 1-3', likes deep woods, good with Actae.			
<i>Chamaelirium luteum</i> , Fairywand .....	4.00	30.00	....
Ac-Any soil, sun, small white fls. in large spikes, 4'			
<i>Chelone glabra</i> , White turtlehead.....	2.25	8.00	45.00
Edge of swamps, sun, fls. white July-Sept., 1-4', does tolerably well in ordinary dry garden soil but is dwarfier			
<i>Chimaphila maculata</i> , Striped pipsissewa .....	1.00	5.00	20.00
Ac-Same as below but leaves are spotted			
<i>Chimaphila umbellata</i> , Common pipsissewa, .....	1.00	5.00	20.00
Ac-Dry light loam, shade, pink fls. July-Aug., 8-10"			
<i>Chiochens hispidula</i> , Creeping snow berry.....	1.00	5.00	20.00
Ac-Flat evergreen fragrant foiled creeper for mossy swamps, or moist soil in shade, round white berries in summer, very neat.			
<i>Chrysanthemum leucanthemum</i> , Oxeye daisy.....	.50	2.50	10.00
<i>Chrysopsis villosa</i> , Hairy golden-aster, good for dry places, fls. 1" yellow, Aug.-Oct.....	2.00	8.00	60.00
<i>Claytonia virginica</i> , Virginia spring beauty.....	1.00	5.00	20.00
Low moist, part shade, white veined pink, early, 4-6", fine			
<i>Clematis virginiana</i> , Virgins-bower .....	2.50	10.00	50.00
N or Alk-Low sandy loam, sun, creeper, male and female flower			
<i>Clintonia borealis</i> , Bluebead .....	1.00	5.00	20.00
Low sandy loam, sun or shade, fls. yellow June-Aug., 6-18", blue berries			
<i>Comptonia asplenifolia</i> , Sweetfern .....	1.00	5.00	20.00
Ac-Dry sand loam, ferny fragrant leaved shrub, 1-2'			
<i>Coptis trifolia</i> , Goldthread.....	1.00	5.00	20.00
Low sandy loam, mossy meadows, part shade, fls. white, 3-6"			
<i>Cornus canadensis</i> , Bunchberry.....	1.00	5.00	20.00
Ac-Well drained sandy loam, part shade, fls. large white June, red berries in Aug., 4-8", slow creeper for a valuable undergrowth			
<i>Corydalis sempervirens</i> , Pale corydalis.....	1.00	5.00	20.00
N-Low sandy loam, sun or shade, fls. rose tipped yellow in clusters May-Sept., probably biennial but seeds freely			

## CYPRIPEDIUM

Lady slippers or Moccasin flower or Northern orchids—whatever you care to call them. Acidity is absolutely necessary, otherwise a great range of soil is reported. Grow well on moss in swamps in all cases, but *C. acaule* stands dry garden loam while *C. parviflorum* tolerates heavy but damp clay. Shade is preferred but I know one large lot in full sun. Flower June-Sept. Descriptions given are where my collector gets them. Sold as plants regardless of crowns, as some sell by crowns—each crown is a bloom spike.

	Doz.	100	1000
<i>Cypripedium acaule</i> , Pink ladyslipper .....	2.50	8.00	
Pink with darker lines, rarely white, 8-10", favors pine woods, tolerates dryness best			
<i>Cypripedium parviflorum</i> , Small yellow ladyslipper	3.00	12.00	....
Bright yellow with a tinge of purple on twisted petals, very fragrant, soil must be moist at least			
<i>Cypripedium pubescens</i> , Common yellow ladyslipper	5.00	20.00	
Some consider this a larger form of above			
<i>Cypripedium spectabile</i> ( <i>hirsutum</i> or <i>reginae</i> ) Showy lady slipper .....	3.50	16.00	
White veined deep pink, 1-2'			
<i>Dalbarda repens</i> , "Creeping dalibarda" .....	2.00	5.00	40.00
Wet logs to sandy woods, fls. white July, neat creeper			
<i>Dentaria diphylla</i> , Crinkleroot, "Toothwort" .....	1.00	5.00	20.00
Low sandy loam, shade, fls. white May, 10", root edible			
<i>Dentaria laciniata</i> , Cut toothwort .....	1.00	5.00	20.00
Low sandy loam or woods soil, fls. white May, 10", plant 3" deep			
<i>Dicentra canadensis</i> , Squirrelcorn .....	1.00	5.00	20.00
Ac-Shady woods, fls. white or greenish tinged pink, 8" fragrant, root a yellow corn like a grain of corn, neat foliage			
<i>Dicentra cucullaria</i> , Dutchmans-breeches .....	1.00	5.00	20.00
Ac-Low sandy loam or leafmold at base of old stumps, shade, feathery neat foliage with stems of white heart shaped flowers in May, 8"			
<i>Echinocystis lobata</i> , Wild cucumber—seed only ....	Package 10c		
<i>Epigaea repens</i> , Trailing-arbutus .....	2.50	12.00	100.00
Small potted plants, 35c.			
Ac-Sandy loam or leafmold, shade, low fragrant creeper			
<i>Epilobium angustifolium</i> , Blooming sally, Fireweed	1.25	6.00	25.00
High sandy woods, burnt over land, fls. pink July-Sept., 1-4'			
<i>Erigeron pulchellus</i> , Poor-robins-plantain .....	1.00	5.00	20.00
Open fields, lilac or pale violet, 1-2'			
<i>Erigeron ramosus</i> , "Daisy fleabane" .....	1.00	5.00	20.00
Open fields, fls. white with yellow center July-Oct., 1-2'			
<i>Equisetum hyemale</i> , Scouring-rush, "Horsetail" ..	1.00	5.00	20.00
<i>Erythronium albidum</i> , White troutlily .....	2.00	....	....
Ac-Low sand, leafmold in deep woods, fls. white tinged pink May, 5-10", plant the small bulbs 3" deep			
<i>Erythronium americanum</i> , Common troutlily .....	1.00	5.00	20.00
Ac-Low sand or leafmold, shade, nodding yellow fls. May, 5-10", plant the small bulbs 3" deep, spotted leaves			
<i>Euonymus obovatus</i> , Running euonymus .....	1.50	10.00	....
Evergreen creeper for shade, red berries.			
<i>Eupatorium purpureum</i> , Joe-pye-weed .....	1.50	10.00	25.00
N-Low sandy loam, sun, fls. pink Aug.-Sept., 2-5'			
<i>Gaultheria procumbens</i> , Wintergreen .....	1.00	5.00	20.00
Ac-Dry sandy loam, evergreen creeper, red berries			
<i>Gaura coccinea</i> , or "Waving butterfly." Fls. pink, July-Aug., 6" .....	2.50	10.00	....
<i>Gentiana andrewsi</i> , Closed gentian .....	2.00	7.00	30.00
Ac-or N-Low moist loam, sun or shade, fls. light blue in prominent heads Aug.-Oct., seed in autumn 25c, 1-2'			
<i>Gentiana crinita</i> , Fringed gentian, seed now, kept damp in peat	25c		
Ac-Biennial, seed must never be dry after picking, 1-3"			
<i>Geranium maculatum</i> , Wild geranium .....	1.00	5.00	....
Most anywhere, fls. pinkish lavender April-July, forces well			
<i>Geranium robertianum</i> , Herb robert .....	1.00	5.00	20.00
Deep shaded woods, fls. deep crimson June-Oct., fragrant			
<i>Geum triflorum</i> , or "Three flowered avens." Flow-ers like a strawberry with white petals around the berry .....	2.50	10.00	....
<i>Habenaria clavellata</i> , Green wood orchid .....	1.50	7.00	....
<i>Habenaria flava</i> , Green flower orchid .....	1.50	7.00	25.00
Ac-Low land, swamp edges, shade, fls. greenish white June-July, 1-2'			
<i>Habenaria hookeri</i> , Hooker orchid .....	3.00	15.00	50.00
Ac-Sandy, fls. greenish white and yellow June-July, 6-12"			

	Doz.	100	1000
<b>Habenaria psycodes</b> , Small purple fringe-orchid... 1.50	7.00	25.00	
Ac-Moist loam, wet woods, shade, fls. pink July-Aug., 1-3', the best			
<b>Helianthus maximiliani</b> , Good at edge of grove, fls. yellow 3" August, 6' .....	2.50	10.00	....
<b>Hepatica triloba</b> , Roundlobe hepatica, "Liverwort" 1.00	5.00	20.00	
Ac-Shady woods in old leaves, fls. white or lavender April, forces easy			
<b>Hieracium aurantiacum</b> , Orange hawkweed..... 1.00	5.00	20.00	
High land, sun, fls. orange July-Aug., 20", very fine			
<b>Hieracium paniculatum</b> , Canadian hawkweed..... 1.00	5.00	20.00	
High land, sun, fls. yellow June-Sept., 2-3'			
<b>Hieracium venosum</b> , Shaggy hawkweed .....	1.25	6.00	25.00
High land, sun, fls. yellow July-Sept., 1-2'			
<b>Humulus lupulus</b> , Common hop..... 1.50	7.00	30.00	
<b>Houstonia caerulea</b> , Bluets .....	1.50	7.00	30.00
Ac-Woods, fls. pale blue April-July			
<b>Hymenocallis occidentalis</b> , Western spiderlily .... 3.00	20.00	....	
Sandy, sun or shade, spike of white fls., a deep down bulb			
<b>Iris versicolor</b> , Blueflag iris..... 1.00	5.00	20.00	
<b>Isopyrum biternatum</b> .....	1.50	7.00	30.00
Low land, part shade, fls. white May-June, 2-6", deep cut leaves			
<b>Kalmia angustifolia</b> , Lambkill, "Sheep laurel" .... 1.50	7.00	30.00	
Ac-Swamp edges, moist muck, sun, fls. magenta Aug., evergreen shrub			
<b>Lathyrus maritimus</b> , Beach pea..... 1.25	6.00	25.00	
Alk or N-Sandy shores of lakes, sun, fls. purple June-Aug., good massed on sand inclined to drift, seed prices on request			
<b>Lathyrus ochroleucus</b> , Cream white pea..... 1.25	6.00	25.00	
Alk or N-High land, sun or part shade, fls. yellow June-Aug.			
<b>Ledum groenlandicum</b> , True labrador-tea..... 2.00	10.00	50.00	
Ac-Swamp edges, sun, fls. white May-Aug., 1-3', evergreen			
<b>Lepachys columnaris</b> , "Long cone or thimble flower" .....	3.00	12.00	....
shrub, fragrant leaves, very hardy, lasts a lifetime			
<b>Liatris punctata</b> , Dotted gayfeather. Sandy soil, fls. deep purple, 18" .....	3.00	11.00	....
<b>Liatris scariosa</b> , "Blazing star"..... 1.00	5.00	20.00	
Sand barren, light soil, sun, fls. purple July-Aug. 1-2', forces well			
<b>Linaria vulgaris</b> , Common toadflax .....	1.00	5.00	20.00
<b>Lilium philadelphicum</b> , Orangecup wood lily..... 2.50	10.00	....	
Ac or N-Barren sand or good garden loam, sun or some shade, upright cheerful orange fls. July-Aug., plant the small bulbs 3" deep			
<b>Linnaea borealis americana</b> , Twinflower..... 1.00	5.00	20.00	
Ac-Light dry soil in shade, evergreen, fls. white creeper			
<b>Lysimachia quadrifolia</b> , Yellow loose-strife .....	1.25	6.00	25.00
Ravines, moist loam, part shade, fls. deep yellow June-Aug. 18-30"			
<b>Lysimachia thysiflora</b> , Water loosestrife..... 1.25	6.00	25.00	
Swamp edges, wet muck, sun, fls. Yellow June-Aug., 8-15"			
<b>Malanthemum canadense</b> , "False lily-of-the-valley" 1.00	5.00	20.00	
Ac-Moist shady woods,, leafmold, fls. white May-June, 4-8", red berries			
<b>Menyanthes trifoliata</b> , Bogbean..... 1.50	7.00	30.00	
Muck bottom swamps, 2-6" water, sun, fls. white			
<b>Mertensia paniculata</b> , Tall lungwort..... 25c each			
Ac-Sandy loam, shady ravines, good groundcover under trees, fls. blue, buds pink, June-July, 18-30"			
<b>Mertensia virginica</b> , Virginia bluebells .....	2.00	10.00	....
Rich shady moist woods, pink buds, blue fls. spring, 10-20"			
<b>Microstylis uniflora</b> , Green adders mouth..... 2.00	10.00	....	
Ac-Damp sandy loam, part shade, fls. greenish yellow June-July, 5-6"			
<b>Mimulus ringens</b> , Allegheny Monkey-flower .....	25c each		
Ac or N-Peat and mud on swamp edges, fls. purple July-Aug., 1-3'			
<b>Mitchella repens</b> , Partridgeberry..... 1.00	5.00	20.00	
Ac-Leafmold or sandy, fls. white, big red berries later, fine evergreen creeper in shade, nice window box creeper for cool winter use			
<b>Mitella diphylla</b> , Common bishopcap..... 1.00	5.00	20.00	
Sandy loam, ravines, fls. creamery white June-Sept., 6-8"			
<b>Monarda fistulosa</b> , Wildbergamot..... 1.00	5.00	20.00	
<b>Monotropa uniflora</b> (Pyrola), Indianpipe..... 25c each			
Ac-Pine sand barrens, deep shade, fls. leaden white July-Aug., 4-8", must have a mass of decaying vegetable matter to live on			

	Doz.	100	1000
<i>Myosotis laxa</i> , Bay forget-me-not.....	1.00	5.00	....
Edge of swamps or wet loam, part shade, fls. clear blue June-July, 6-12"			
<i>Nuphar advena</i> , Spatterdock, "Yellow pondlily"...	2.00	10.00	50.00
<i>Nymphaea odorata</i> , American white waterlily,....	2.00	10.00	50.00
<i>Oenothera biennis</i> , Common evening-primrose.....	1.00	5.00	20.00
<i>Oenothera fruticosa</i> , Common sundrops.....	25c each		
<i>Oenothera pumila</i> , "Sundrops".....	2.00	6.00	20.00
<i>Orchis spectabilis</i> , Showy orchis.....	25c each		
Ac-Low land, shade, fls. pink June-July, 5-10"			
<i>Oxalis acetosella</i> , Common woodsorrel—white.....	1.25	6.00	25.00
Ac or N-Low land, shade, fls. white veined purple May-Sept. 4-6"			
<i>Oxalis corniculata</i> , Creeping oxalis—yellow.....	1.00	5.00	20.00
Ac or N-Low land, sun or shade, fls. yellow May-Sept., 6-8"			
<i>Oxalis violacea</i> , Violet wood-sorrell, N-Fls. pink May, 5".....	2.00	10.00	....
<i>Oxytropis lamberti</i> , "Loco." Alk—Deep rooted, silvery foliage, fls. rosy purple. July-Aug., 10".....	4.00	15.00	....
<i>Oxytropis splendens</i> .....	5.00	30.00	....
<i>Panax quinquefolium</i> , American ginseng.....	1.50	7.00	25.00
<i>Pedicularis canadensis</i> , Early wood-betony.....	1.25	6.00	25.00
<i>Phlox divaricata</i> , Blue phlox.....	2.00	7.00	25.00
Ac or N-Edge of woods, flowers pink or lavender, early spring			
<i>Phlox pilosa</i> , Downy phlox.....	1.25	6.00	25.00
Ac or N-High light soil, sun or shade, fls. lavender June, 6-12"			
<i>Physostegia virginiana</i> , Virginia false dragonhead.....	1.25	6.00	25.00
<i>Pogonia ophloglossoides</i> , Rose pogonia 25c each			
Ac-Swamp or wet muck or sphagnum moss, fls. light pink July, 6-8"			
<i>Podophyllum peltatum</i> , Common mayapple.....	1.00	5.00	30.00
Any shady place, 1-2', fls. white May, big fruit Aug., big leaves			
<i>Polygala paucifolia</i> , Fringed polygala.....	1.50	7.00	30.00
Ac-Sandy loam in shady woods, fls. crimson July-Aug.			
<i>Polygala polygamma</i> , Milkwort polygala.....	2.00	10.00	50.00
Ac-High sandy loam, sun, fls. deep crimson July-Aug., not easy			
<i>Polygonatum biflorum</i> , Small solomonseal.....	1.50	7.00	30.00
Shady sandy loam, bluish black berries autumn, 6-12"			
<i>Pontederia cordata</i> , Pickerelweed.....	1.50	7.00	30.00
A foot of water, fls. violet-blue, 18"			
<i>Potentilla anserina</i> , Silverweed.....	1.00	5.00	20.00
Dry sandy loam, fls. yellow June-Aug., leaves silver underneath, 6-12"			
<i>Potentilla canadensis</i> , Common cinquefoil.....	1.00	5.00	20.00
<i>Potentilla palustris</i> , Marsh five-finger.....	1.25	6.00	25.00
Bogs, fls. dark purple June-Aug., 6-20", shrubby			
<i>Potentilla tridentata</i> , Wineleaf cinquefoil.....	1.00	5.00	20.00
Open sand barren, for dry rockery			
<i>Prunella vulgaris</i> , Selfheal heal all.....	1.00	5.00	20.00
<i>Prunus demissa melanocarpa</i> , Black western chokecherry. Dwarf wild cherry, fine for bird attracting. ....			25c ea.
<i>Pyrola elliptica</i> , Shinleaf.....	1.00	5.00	20.00
Ac-Dry sandy shady woods, fls. white June-July, 6-8"			
<i>Pyrola moneses uniflora</i> , One flowered.....	1.25	6.00	25.00
Ac-Low muck or leafmold, shade, fls. white or pink June-July, 3-4"			
<i>Pyrola rotundifolia</i> , European pyrola, "Round leaf".....	1.00	5.00	20.00
Ac-Dry sandywoods, shade, fls. white June-July, similar to elliptica but easier			
<i>Pyrola secunda</i> , Sidebells pyrola.....	1.00	5.00	20.00
<i>Radicula nasturtium-aquaticum</i> , Watercress.....	1.00	5.00	20.00
<i>Ranunculus acris</i> , Tall buttercup.....	1.00	7.50	30.00
Any good soil, sun, fls. Yellow June-Sept., 1-2'			
<i>Ranunculus ovalis</i> , "April buttercup," Yellow, May-June, 6".....	3.00	10.00	....
<i>Ranunculus septentrionalis</i> , Swamp buttercup.....	1.50	10.00	50.00
Low wet spot, sun, fls. yellow June-Sept., 1-3'			
<i>Rudbeckia hirta</i> , Blackeyed-susan.....	1.00	5.00	20.00
<i>Rudbeckia laciniata</i> , Cutleaf coneflower.....	1.25	6.00	25.00
<i>Sagittaria sagittifolia</i> , Old-world arrowhead.....	1.00	5.00	20.00
1-2" water on muck bottom, sun, fls. white July-Sept., 1-3'			
<i>Sanguinaria canadensis</i> , Bloodroot.....	1.00	5.00	20.00
Ac or N-Low damp sandy loam or woods, shade, pure white fls. early spring, 4-18", easy doer and very fine, juice is a red dye			
<i>Saponaria officinalis</i> , Bouncing-bet.....	1.00	5.00	20.00
Driest of dry soil, fls. pink. Have a double variety at double price			
<i>Sarracenia purpurea</i> , Common pitcherplant.....	1.50	7.00	30.00
Mossy swamps, sun, fls. purple, 1-2', drowns insects in hollow leaves, very interesting and very hardy			



	Doz.	100	1000
<i>Sedum pulchellum</i> , Texas stonecrop .....	1.50	7.00	30.00
Spreading, waxy, narrow leaved creeper, fls. white			
<i>Senecio aureus</i> , Golden groundsel, "Ragwort" ....	1.50	7.00	30.00
Anywhere, fls. orange June-Sept., 1-3'			
<i>Silene virginica</i> , Firepink, "Catchfly" .....	1.50	7.00	30.00
Dry open woods, fls. crimson May-Sept., 1-2'			
<i>Sisyrinchium angustifolium</i> , Blue-eyed grass .....	1.00	5.00	20.00
Anywhere, even in sod, tolerates moist spots, grassy leaves with clear blue ½ inch flowers all summer, 6-10", easy doer, fine			
<i>Smilacina racemosa</i> , False solomonseal .....	1.25	6.00	25.00
Open woods, fls. fragrant white June, spikes of fine red berries autumn, 1-4', an easy doer and very nice			
<i>Smilacina stellata</i> , Starry false solomonseal .....	1.00	5.00	20.00
Low sandy loam, part shade, berries purple, 1-2'			
<i>Smilacina trifolia</i> , Three leaved solomonseal .....	1.00	5.00	20.00
Muck bottom mossy swamps, berries dark red, 6"			
<i>Smilax herbacea</i> , Carrion flower .....	1.50	7.00	30.00
Sandy loam, moist meadows, blue-black berries autumn			
<i>Smilax rotundifolia</i> , Cat brier-vine .....	1.50	7.00	30.00
Woods, black berries, thorny climber			
<i>Spigella marylandica</i> , Pinkroot .....	2.50	17.00	....
Alk-Rich woods, shade, fls. red and yellow June-July in showy spikes, 1-2', one of the good things			
<i>Spiranthes cernua</i> , Nodding ladies-tresses .....	1.50	7.00	30.00
Ac-Shady loam or damp grass, fls. white Sept., 1'			
<i>Spiranthes gracilis</i> , Slender ladies-tresses .....	1.50	7.00	30.00
Ac-Shady well-drained loam, fls. white July-Sept., 8-20"			
<i>Spiranthes romanzoffiana</i> , Large ladies-tresses .....	1.50	7.00	30.00
Ac-Sandy loam, sun or shade, fls. creamy white, 12", fragrant			
<i>Steironema ciliatum</i> , Fringed loosestrife .....	1.50	7.00	....
Ac-Low sandy loam, sun or shade, fls. sulphur July-Aug., good			
<i>Symplocarpus foetidus</i> , Skunkcabbage .....	3.00	10.00	75.00
Low muddy flats, immense leaves, 1-2'			
<i>Thalictrum dioicum</i> , Early meadowrue .....	1.25	6.00	25.00
Low sandy loam, sun or shade, fls. lavender June, 1-2'			
<i>Thalictrum polygamum</i> , Tall meadowrue .....	1.25	6.00	25.00
Low wet sandy loam, sun or shade, fls. cream July, 3-8'			
<i>Trientalis americana</i> , American starflower .....	1.00	5.00	20.00
Ac-Shady leafmold, fls. white June, 6"			
<i>Trillium cernuum</i> , Nodding trillium .....	1.00	5.00	20.00
Ac-Low sandy loam, fls. white or pink, 8-12", plant 3" deep			
<i>Trillium erectum</i> , Purple trillium .....	1.00	5.00	20.00
Ac-Moist woods, fls. purplish red, 8-16"			
<i>Trillium grandiflorum</i> , Snow trillium .....	1.00	5.00	20.00
Ac-Moist, partial shade, fls. white to pink, 10-15", plant 8-12" deep			
<i>Triosteum perfoliatum</i> , Horsegentian, 25c each			
Ac or N-Low ground, fls. brownish purple, big orange berries in Oct. at leaf joints, 2-3'			
<i>Typha latifolia</i> , Common cattail .....	1.00	5.00	20.00
<i>Uvularia grandiflora</i> , Large merrybells, "Bell wort" 1.25 6.00 25.00			
Ac-High Sandy loam or moist woods, fls. yellow, April-June, 6-12"			
<i>Uvularia sessilifolia</i> , Little merrybells .....	1.00	5.00	20.00
Ac-High sandy loam, fls. straw color, 6-12"			
<i>Verbena hastata</i> , Blue vervain .....	2.50	7.00	30.00
Any low land, sun, fls. blue July-Aug., 1-4'			
<i>Vicia cracca</i> , Cow vetch .....	1.00	5.00	20.00
Low woods, sun or part shade, fls. blue June-Aug., straggler			
<i>Vitis</i> , Wild grape vine .....	2.00	10.00	50.00
<i>Waldsteinia fragarioides</i> , Barren-strawberry .....	1.00	5.00	20.00
<i>Zygadenus elegans</i> , Bulbous, fls. cream, July, 18" 2.00 8.00 70.00			

#### CACTI

<i>Opuntia polyacantha</i> ; Oval leaves, dwarf, 1' .....	3.00	15.00	....
<i>Opuntia fragilis</i> , small oval leaves that break off easily, 4" .....	3.00	15.00	....
<i>Coryphantha vivipara</i> , round, very odd, 1" or 2" ..	3.00	15.00	....

All above are absolutely hardy at below zero if on a dry place, and they need full sun.

A cactus society has been organized in California and those interested in this generally thorny subject should join up as the dues are nominal and their bulletins are very interesting. Write R. E. Willis, 2721 Bellevue Ave., Los Angeles, Calif.

#### BLACK LOAM

Frequent requests for black loam lead me to suggest to get it from R. S. Ayer, R. D. 4, Milford, Mich., as I purchase my supply from his machine shredded and sifted pile—and get it cheaper than my men can dig and haul it from closer points.

# Seeds from Utah

All are 25c a packet.

Ten packets, your selection, \$1, when accompanied by a plant order.

See main plant list (page 10) for seed of Utah pentstemons.

- Aquilegia flavescens*—For damp places. Flowers short-spurred and yellow, sometimes tinged with scarlet.
- Aquilegia coerulea alba*—The white flowered form of the popular Rocky Mountain columbine needs a strongly acid soil to do best.
- Astragalus utahensis*—Clean purple in clusters, early, 2" high, a delight for a dry, sunny, alkaline position. Good wall or rock garden subject. Hairy seed pods are very showy.
- Asclepiodora decumbens*—An odd milkweed. Found on dry hillsides of Utah, sprawling over rocks, very fragrant, greenish white.
- Balsamorhiza hirsuta*—A low growing yellow flowered plant very desirable for hot rock gardens. A splendid acquisition.
- Balsamorhiza macrophylla*—The largest of this interesting genus. Foliage fern-like and, as the name indicates, very large. For dry situations; makes a splendid showing.
- Balsamorhiza sagittata*—The foliage is arrow-head shaped, and silky; very pretty. All *Balsamorhiza* are well worth growing, and these three are among the best of the genus, root is filled with balsam.
- Berberis fremonti*—The first time this has been offered and the supply of seeds is very small. This is the true species as gathered in southwestern Utah by General Fremont in 1844, and the berries are large, hollow and red, and not blue as stated by the Department of Foreign Seed Distribution in its bulletins. The foliage is glaucous and very prickly, much in appearance like *Quercus pungens*, and the plant is undoubtedly hardy although it grows in a hot country.
- Berberis repens*—An interesting low growing barberry, growing not more than a foot high, and suitable for a ground cover. Bright yellow flowers in early spring, followed by clusters of blue berries which are covered with a "bloom." The foliage is evergreen and turns to brilliant colors in the fall and winter.
- Cymopterus longipes*—Pretty rosette of foliage, one of the earliest spring flowers. Suitable for a dry rock garden, thick root, 5".
- Dodecatheon salinum*—Light pink or white, very early, bulbous root, grows in decidedly alkaline meadows in soil that is dust dry in summer—when the foliage disappears. This is one of the prettiest of this interesting genus.
- Eriodictyon angustifolium* or *Yerba santa*—A balsamic low growing shrub found in California and southwestern Utah. Its foliage is smoked for the relief of asthma. Its hardness is doubted, but it is offered to anyone who is willing to give the interesting denizens of the hot countries a trial.
- Erythronium grandiflorum minor*—A lovely dog-tooth violet. Foliage is bright green and not striped or blotched. Flowers light yellow, as many as seven on a stem, and sweetly perfumed. A bulbous plant.
- Fraxinus anomala*—This is the single-leaved ash found in Arizona and southern Utah. This seed is gathered at the most northern point the plant is found, and plants grown from it will probably prove hardy. A very interesting species, different from any other kind of ash.
- Hedysarum utahense*—A showy plant bearing rosy-red pea shaped flowers in cluster. Very suitable for dry rock garden, 18".
- Larrea mexicana*—The noted "Creosote Bush" on the southwestern plains, which is found also in southwestern Utah. It is an evergreen and the foliage is exceedingly balsamic and gummy. It is probably not hardy, but these seeds are gathered from its most northern point, and it certainly will stand a temperature close to zero. We think this is the first time this species has ever been offered by a seedsman.
- Linum lewisii*—The common blue flax of the western plains. Named in honor of Capt. Lewis, of Lewis & Clark fame.
- Lonicera utahensis*—A rare species found in the Wasatch mountains. Berries red. First time offered.
- Lupinus species*—The lupines of Utah are hard to distinguish. This one is found on the dry hillsides, and has large clusters of showy blue flowers.
- Microseris nutans*—A small tuberous rooted plant bearing in early spring yellow flowers on long stems somewhat resembling dandelions.
- Oenothera marginata*—A low growing evening primrose bearing enormous sweetly scented white flowers for a long period. One of the best plants for dry well drained rock gardens.
- Oenothera pallens*—A shrubby evening primrose growing about a foot high, bearing white flowers which with age turn to pink.
- See main plant list (page 10) for seed of Utah pentstemons.
- Pluchea sericea* (*Tessaria borealis*, *Berthelotia sericea*)—The interesting "arrow-weed," used by the Indians for their arrows. The flowers are much like *ageratum*, and the narrow stems reach 6". Perhaps not hardy, as it comes from southwestern Utah.

*Sambucus microbotrys*—A red-fruited elderberry, only 2' high.  
*Sphaeralcea rivularis*—(Phymosia) "maple leaved mallow," 6', from 6,000 feet altitude, pink small hollyhock-like flowers.  
*Rudbeckia occidentalis* or (Nigger fingers)—A rayless rudbeckia. Not beautiful, but odd, and a thrifty specimen will attract attention.  
*Rubus deliciosus*—Of the raspberry family bearing large, bright red thimble shaped berries which are edible. Flowers like small single roses; foliage very large, and the most showy thing about the plant. Suitable for cool shady situations.  
*Thalictrum fendleri* or Mountain meadowrue—Foliage resembles maiden-hair fern, damp and somewhat shady, 3'.  
*Troximon grandiflorus*—A gigantic dandelion for damp places. Planted with blue Siberian Irises it makes a fine contrast.  
*Veratrum californicum* or False hellebore—A showy plant for damp places, immense leaves, yellow flower, 6'.  
*Wyethia amplexicaulis* or Mules ears—Closely related to Balsamorhiza. Grows in great colonies on hillsides, 4" yellow flowers on 2' stems.  
*Yucca angustissima*—One of the finest of yuccas. The foliage is extremely narrow and is bordered with long white filaments, giving the plant a light and airy appearance. It has proved entirely hardy at Salt Lake City. A good supply of fresh seed gathered in July near Zion National Park. We highly recommend this to wholesale seed buyers.  
*Zauschneria garretii* or Wild fuchsia—An interesting member of the evening primrose family. Flowers resemble scarlet sage and are brilliant red. Blooms in September. A fine hardy perennial for the dry rock garden.  
*Zygadenus paniculatus* or Foothill camas—A bulbous plant bearing clusters of greenish-yellow flowers somewhat like camassia.  
These Utah seeds in stock in Detroit now.  
A fine list of seeds of other states on request.  
All seeds above, 25 cents packet.  
See main plant list (page 10) for seed of Utah pentstemons.  
These Utah seeds are not a month old at this writing and are of new plants in most cases. Some I have seen during my travels in the Rockies and a few I have growing in Michigan.

## Lodense Privet

Low edgings or dwarf hedges easily kept to any size have been unobtainable in Detroit until the introduction of Lodense privet. It can be kept to 6" or up as desired, or single plants left untrimmed make a fine round dense ball. In a general way as usable as boxwood is further south. Very hardy in open field where catalpa and ailanthus are not hardy. In the more sheltered city it is evergreen until Christmas. Special planting instructions sent with each order.

In the rear of my home 7521 Dunedin St., can be seen a specimen hedge that was trimmed only once this summer, if you care to investigate. No spring orders accepted, as it sold out last spring and good stock is scarce. 1 plant to a foot of hedge, 12" plants, 20c.

A good specimen of "Creeping Grass" lawn can be seen there also.



## Growell Peat Pots

Made of peat and roots grow through it, all being planted, the peat holding moisture when most needed. They gain much time on melons, tomatoes, bulbs, and can be used to great advantage in growing on flowers to put into garden after early flowers have gone. Kept in stock in Detroit in 6 sizes.

## Dubois Woven Wood Fence

There's scarcely a home where it cannot be used to great advantage—to beautify the yard, to screen a garage, to shut off some unsightly view, to form an ideal rustic background for a garden.

Lasts a lifetime without paint or any upkeep whatever.

Made in France of Split Chestnut Saplings.

It comes in two heights, 4' 11" and 6' 6", and is easily erected against a framework which we can arrange to have erected for you if desired.

We will call, or mail further details.

[illegible]

Ordering from the catalog is really the best way, as I noticed the spring visitors were generally garden lovers of much enthusiasm but their purchases were often regulated by some fine point of the plant as they then saw it, rather than by unseen merit that would come later in the year—consequently summer blooming and autumn berrying plants were neglected.

So read my lists carefully, as they are written from experience gained locally, but my business is largely mail order, much to foreign countries.

Experience gained locally is what is needed in many of the plantings here, as designers too often try to imitate gardens of other climates that do not suit Michigan soil or temperatures.

I do no landscaping or designing—only suggesting how to improve unsatisfactory plantings, or checking on proposed expenditures. One client was saved \$1,800 on a problem of planting trees in a soil absolutely the opposite to what they needed.

A limited amount of consultation work at an hour rate is done on estates near Detroit.

Large masses of shrubbery planting can be done very reasonable if selection is left to me as I fit the shrubs to the location in mind, rather than trying to plant unsuitable items that do not do well in the situation in question.

Peonies and German iris I have in great variety in fine plants and any variety you wish will be supplied at prices quoted in catalog of any reputable dealer.

**Mail address, Frank W. Campbell**  
**7521 Dunedin St., Detroit**